



Patent
Attorney's Docket No. 022701-947

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)

Robert JANIN et al)

Application No.: 09/961,347)

Filed: September 25, 2001)

For: SYNTHESIS OF FLUOROCARBON)
COMPOUNDS)

Group Art Unit: 1626

Examiner: R. L. Anderson

Confirmation No.: 6752

TECH CENTER 1600/2900

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REPLY AND AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In complete response to the Official Action mailed on October 22, 2002, please enter the amendments and consider the remarks as follows:

IN THE CLAIMS:

Please cancel Claim 22, without prejudice or disclaimer.

Kindly amend Claims 21 and 23, and enter new Claims 41-43, as follows:

21. (amended) A process for the synthesis of a fluorocarbon compound, comprising
D | reacting:

a hydrocarbyl compound containing an sp^3 -hybridized halophoric carbon atom bearing at least two halogen atom substituents, at least one halogen atom having an atomic number greater than that of fluorine and said halophoric carbon atom being bonded to at least one chalcogen; with

a peroxide compound or a halogen reactant,

wherein the hydrocarbyl compound is represented by formula (II):



wherein,

R is a halogen, an electron-withdrawing group or a hydrocarbylchalcocogenyl group, a hydrocarbyl radical or the sulfur, selenium or tellurium counterparts thereof;